ANSWER KEY
The face ends up making a clown
with the following features/colors.
Students' pictures will vary due to
their different levels of artistic ability.

Name: _____
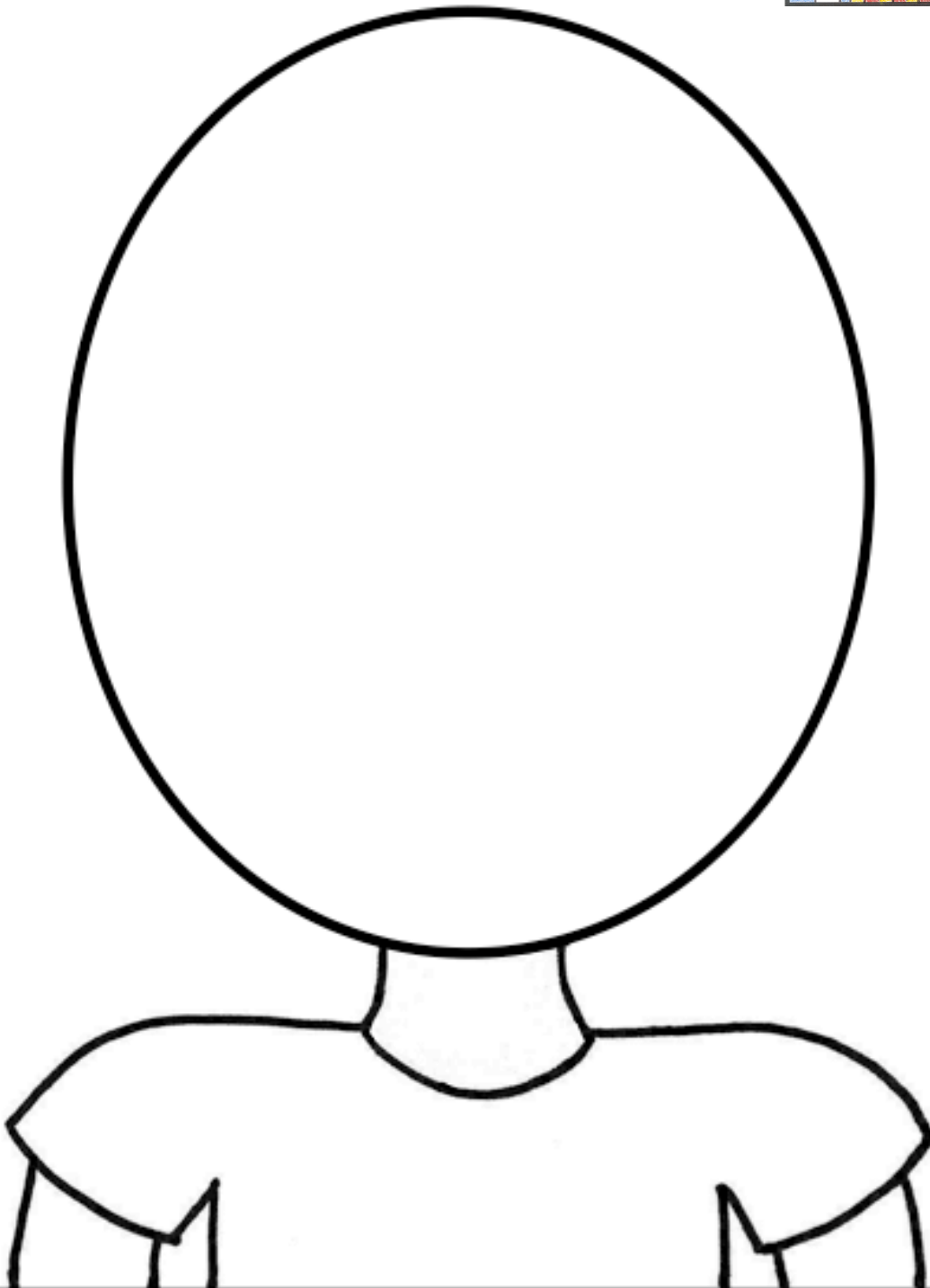
Lesson 1: Solving One-Step Equations using Addition and Subtraction

Directions: **Solve each equation and use a pencil to DRAW the object that corresponds with your answer. SHOW YOUR STEPS!!!**

1. $x + 5 = 7$ (a) If your answer is $x = 2$ draw a clown hat with polka dots. (b) If your answer is $x = 12$ draw a top hat with stripes.	**2.** $x - 3 = 8$ (a) If your answer is $x = 5$ draw a squirting flower with 4 petals coming out of the hat. (b) If your answer is $x = 11$ draw a squirting flower with 5 petals coming out of the hat.	**3.** $x + 8 = 6$ (a) If your answer is $x = -2$ draw large, curvy ears. (b) If your answer is $x = 2$ draw large, pointy ears.
4. $x - 1 = -4$ (a) If your answer is $x = -3$ draw curly hair on the head. (b) If your answer is $x = -5$ draw spiked hair on the head.	**5.** $x - 2 = 4$ (a) If your answer is $x = 2$ draw a large, square nose in the center of the face. (b) If your answer is $x = 6$ draw a large, circular nose in the center of the face.	**6.** $x + 2 = -8$ (a) If your answer is $x = -10$ draw a large, smiling, clown mouth. (b) If your answer is $x = -6$ draw a large, frowning, clown mouth.
7. $10 + x = 5$ (a) If your answer is $x = 5$ draw the following large, diamond-shaped eyes. (b) If your answer is $x = -5$ draw the following large, round eyes.	**8.** $2 + x = 9$ (a) If your answer is $x = 7$ draw fluffy eyebrows. (b) If your answer is $x = 11$ draw straight eyebrows.	**9.** $x + 4 = -14$ (a) If your answer is $x = -10$ draw a striped necktie on the shirt. (b) If your answer is $x = -18$ draw a polka dotted bow tie on the shirt.
10. $x - 3 = -9$ (a) If your answer is $x = -6$ draw vertical stripes on the shirt. (b) If your answer is $x = 6$ draw horizontal stripes on the shirt.	**11.** $-6 + x = 1$ (a) If your answer is $x = 7$ draw three balloons in the sky. (b) If your answer is $x = -5$ draw two balloons in the sky.	**12.** $-4 + x = -8$ (a) If your answer is $x = -4$ draw a sun in the sky. (b) If your answer is $x = -12$ draw a moon in the sky.

Directions: *Solve each equation and COLOR the object that corresponds with your answer.*
SHOW YOUR STEPS!!!

13. $-10 = x - 1$	**14.** $4 = x + 7$	**15.** $5 = x - 3$
(a) If your answer is $x = -11$ color the hat blue and yellow. (b) If your answer is $x = -9$ color the hat black and green.	(a) If your answer is $x = 3$ color the squirting flower red with yellow water drops. (b) If your answer is $x = -3$ color the squirting flower purple with blue water drops.	(a) If your answer is $x = 8$ color the ears orange. (b) If your answer is $x = 2$ color the ears yellow.
16. $0 = x + 9$	**17.** $7 = -2 + x$	**18.** $1 = x + 10$
(a) If your answer is $x = -9$ color the hair red. (b) If your answer is $x = 9$ color the hair orange.	(a) If your answer is $x = -9$ color the nose pink. (b) If your answer is $x = 9$ color the nose red.	(a) If your answer is $x = -9$ color the mouth red. (b) If your answer is $x = 9$ color the mouth pink.
19. $-5 = -3 + x$	**20.** $x - 12 = -4$	**21.** $-3 = 2 + x$
(a) If your answer is $x = -8$ color the eyes green. (b) If your answer is $x = -2$ color the eyes blue.	(a) If your answer is $x = -16$ color the eyelashes brown. (b) If your answer is $x = 8$ color the eyelashes black.	(a) If your answer is $x = -1$ color the eyebrows red. (b) If your answer is $x = -5$ color the eyebrows orange.
22. $x - 8 = 3$	**23.** $-13 = 8 + x$	**24.** $-5 = x - 5$
(a) If your answer is $x = 5$ color the tie blue and yellow. (b) If your answer is $x = 11$ color the tie green and black.	(a) If your answer is $x = -21$ color the shirt stripes red and yellow. (b) If your answer is $x = -5$ color the shirt stripes red and purple.	(a) If your answer is $x = -10$ color one balloon green. (b) If your answer is $x = 0$ color one balloon purple.
25. $3 + x = -20$	**26.** $15 + x = 20$	**27.** $0 = x - 6$
(a) If your answer is $x = -17$ color the other balloons pink. (b) If your answer is $x = -23$ color the other balloons green.	(a) If your answer is $x = 5$ color the sun/moon yellow. (b) If your answer is $x = -5$ color the sun/moon orange.	(a) If your answer is $x = 6$ color the sky blue. (b) If your answer is $x = -6$ color the sky black.

Artistic Tip: **When you are done coloring, it looks nice to outline the major features using a black crayon or marker.**